

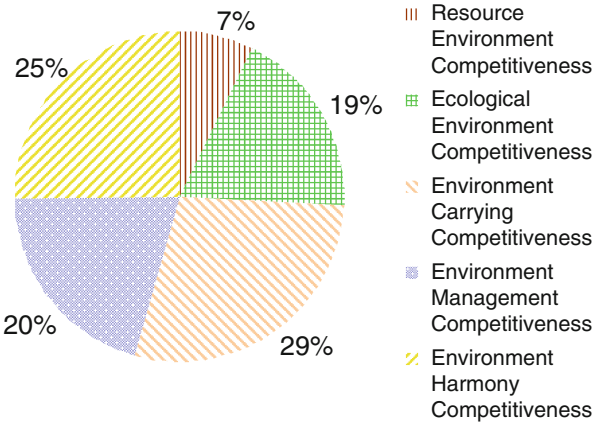
# Chapter 134

## Report on Global Environment

### Competitiveness of Togo

Togo is located in the East and West African countries. It locates in Benin to the east, Burkina Faso to the north, Gamer to the west and the Gulf of Guinea to the south. It covers54.4 thousand of square kilometers and has a population of 6.15 million. Its GDP reaches \$3.62 billion in 2011. Through the index system and evaluation model, the environment competitiveness index of Togo ranks at 84 in 133 countries.

Score:
48.44
Rank:
84



**Fig. 134.1** Contribution of sub-index to GEC

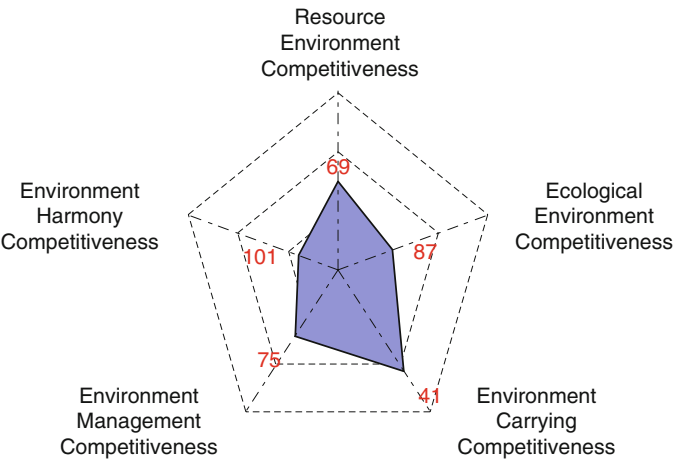


Fig. 134.2 Rank of sub-index of GEC

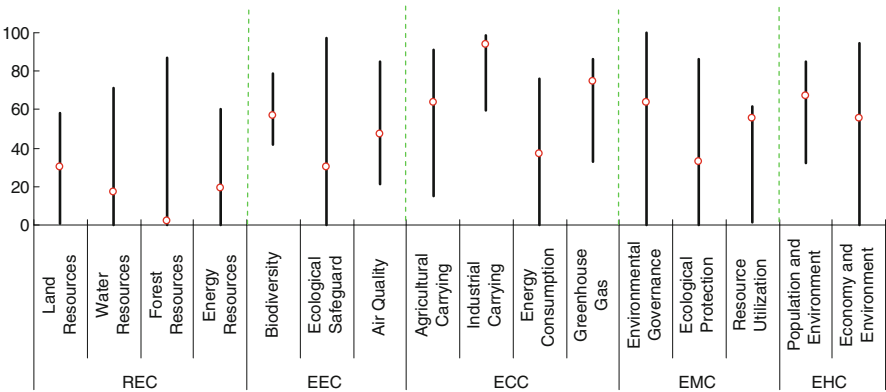


Fig. 134.3 Score and rank of the pillars of GEC

Table 134.1 Score and rank of all indicators of GEC

Indicators	Score	Rank	Indicators	Score	Rank
1 Resource Environment Competitiveness	17.51	69	Annual precipitation	41.35	45
1.1 Land Resources	29.85	11	Groundwater	15.06	48
Land area per capita	1.57	94	Total internal renewable water resources	10.66	78
Percentage of arable land to total land area	78.32	7	1.3 Forest Resources	2.39	127
Arable land per capita	19.09	24	Growing stock in forest and other wooded land	0.00	121
1.2 Water Resources	17.46	57	Proportion of land area covered by forest	5.75	111
Surface water	2.78	78			

(continued)

**Table 134.1** (continued)

Indicators	Score	Rank	Indicators	Score	Rank
Forest area per capita	0.30	111	Annual freshwater withdrawals for industry	99.21	33
1.4 Energy Resources	19.42	16	per value added of industry		
Fossil energy	0.00	64	3.3 Energy Consumption	37.30	35
Energy production	0.37	98	Energy consumption per unit of land area	99.90	45
Proportion of combustible renewable and waste to total energy consumption	88.56	5	Ratio of clean energy consumption	0.52	106
Net energy imports of the energy consumption	10.50	56	Elasticity of energy consumption	11.50	120
<b>2 Ecological Environment Competitiveness</b>	<b>45.01</b>	<b>87</b>	Elasticity of electric power consumption	N/A	N/A
2.1 Biodiversity	56.56	92	3.4 Greenhouse Gas	74.97	11
Threatened fish species	88.68	66	Growth rate of CO <sub>2</sub> emissions	53.21	60
Threatened mammal species	94.02	64	Growth rate of Methane emissions	76.41	5
Threatened plant species	99.47	60	CO <sub>2</sub> emissions per unit of land area	99.98	26
GEF benefits index for biodiversity	0.30	105	CO <sub>2</sub> emissions per unit of energy consumption	92.06	7
2.2 Ecological Safeguard	30.43	43	<b>4 Environment Management Competitiveness</b>	<b>48.73</b>	<b>75</b>
Terrestrial protected areas	30.43	62	4.1 Environmental Governance	63.46	116
Marine protected areas	N/A	N/A	Agricultural chemicals regulation	61.90	72
2.3 Air Quality	47.28	107	Percentage of the rural population with access to an improved water source	40.00	115
Inhalable particles (PM10)	80.29	58	Percentage of the urban population with access to an improved water source	89.00	112
Particulate matter (PM2.5)	73.43	103	4.2 Ecological Protection	32.59	72
Index of indoor air pollution	0.30	126	Area of plantation and afforestation	0.05	97
Nitrogen oxides emission	68.64	33	Biome protect	66.40	58
Sulfur dioxide emission	40.99	3	Overfishing of fishing resources	42.15	68
<b>3 Environment Carrying Competitiveness</b>	<b>69.64</b>	<b>41</b>	4.3 Resource Utilization	55.51	7
3.1 Agricultural Carrying	63.59	98	Utilization rate of water resources	0.04	113
Cereal yield per unit of arable land	9.20	114			
Fertilizer consumption per unit of arable land	99.74	13			
Annual freshwater withdrawals for agriculture per unit of arable land	99.96	13			
3.2 Industrial Carrying	93.71	35			
Net exports of goods as a percentage of GDP	85.20	44			
Electric power consumption per unit of value added of industry	90.57	75			
SO <sub>2</sub> emissions per unit of value added of industry	99.84	59			

(continued)

**Table 134.1** (continued)

Indicators	Score	Rank	Indicators	Score	Rank
Percentage of total internal renewable water resources to total water resources	58.38	79	Renewable internal freshwater resources per capita	2.26	83
Percentage of agricultural land to total land area	73.45	28	SO <sub>2</sub> emissions per capita	99.81	4
Percentage of fossil fuel energy consumption to total energy consumption	90.16	6	CO <sub>2</sub> emissions per capita	99.58	12
5 Environment Harmony Competitiveness	61.29	101	Energy consumption per capita	97.60	18
5.1 Population and Environment	67.29	85	5.2 Economy and Environment	55.29	102
Percentage of population with access to Improved sanitation facilities	12.00	125	Land resource utilization efficiency	0.02	106
Motor vehicles per 1,000 people	100.00	1	Sulfur dioxide emissions per unit of GDP	97.11	36
			Carbon dioxide emissions per unit of GDP	87.87	66
			Energy consumption per unit of GDP	36.14	119

**Table 134.2** Rank distribution of the individual indicators of GEC

Sub-index	Number of the individual indicators	Rank 1–10	Rank 11–30	Rank 31–60	Rank 61–100	Rank 101–133
Resource Environment Competitiveness	14	2	2	3	4	3
Ecological Environment Competitiveness	11	0	0	4	4	3
Environment Carrying Competitiveness	15	1	3	6	2	3
Environment Management Competitiveness	10	1	1	1	4	3
Environment Harmony Competitiveness	10	2	1	1	3	3
Total	60	6	7	15	17	15

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